DEPARTMENT OF AGRICULTURE IN MYSORE, BANGALORE.

ENGINEERING SECTION.

Notification dated 6th May 1937.

Notice is hereby given that sealed tenders superscribed "Providing Bath and Kitchen to the Clerk's Quarters on Marthur Farm" will be received by the undersigned in his Office up till 2 P.M. on 24th May 1937 and opened.

The building will have to be executed on Marthur Farm situated 12 miles from Sagar.

The plan and estimate may be consulted in the Agricultural Engineer's Office or in the Marthur Farm Manager's Office.

Each tender must be accompanied by a deposit of Rs. 50 in cash or currency notes.

The Agricultural Engineer reserves the right to accept or reject any tender or any portion thereof without assigning reasons for the rejection of any tender.

Immediately after the acceptance of the tender, the successful tenderer will be required to enter into agreement for completing the work within 20 days as per specifications prescribed in P. W. Department.

The earnest money of the rejcoted tenderers will be refunded to the respective parties.

Estimate showing the approximate of Estimate.

1.	Earthwork excavation for foundation ..	.. C.Yds.	..	8
2.	Laterite in surki mortar	.. C.Ft.	..	212
3.	Laterite in brick in mud	.. C.Ft.	..	475
4.	Laterite brick in chunam	.. C.Ft.	..	60
5.	Honne wood work	.. C.Ft.	..	11.25
6.	Doors	.. S.Ft.	..	36
7.	Cement concrete slabs 4" thick.. ..	.. C.Ft.	..	29
8.	Roofing with Mangalore tiles on teak reepers. (Tiles will be supplied by the Department)	.. Sqr.	..	2.76
9.	Flooring with concrete and cement washing	.. „	..	1.6
10.	Chunam plastering	.. „	..	3.00
11.	Chunam plastering and whitewashing ..	.. „	..	3.20

M. G. SINGRACHAR,
Agricultural Engineer.

OFFICE OF THE ASSISTANT ENGINEER, HEADQUARTER RANGE, MYSORE.

Notification dated 10th May 1937.

1. Sealed tenders will be received at the Office of the Assistant Engineer, Headquarter Range, Mysore, up to 12 NOON on 24th May 1937, for constructing the Royal Porch and Tower at the Mysore City Railway Station.

2. Tenders in the prescribed form obtainable from the Office of the Assistant Engineer, Headquarter Range, Mysore, on payment of Rupee one for each form. should be addressed to the Assistant Engineer, Headquarter Range, and should be superscribed as "Tender for constructing the Royal Porch and Tower at the Mysore City Railway Station. The name of the tenderer should also be superscribed on the sealed cover.

3. Each tender must be accompanied by a deposit of Rs. 1,250 (Rupees one thousand two hundred and fifty only) in cash only as earnest money. The earnest money of the successful tenderer will be retained as security deposit for due fulfilment of the contract. (Cash amount will not carry any interest).

4. The tenders will be opened in the presence of such tenderers who wish to be present on 24th May 1937 at 3 P.M. The final acceptance of the tender will rest with the Assistant Engineer, who does not bind himself to accept the lowest or any tender, or to assign any reasons whatever, for the rejection of any.

5. The name of the successful tenderer will be posted on the Notice Board in the Assistant Engineer's Office, in due course. Within eight days of the acceptance of the tender, the successful tenderer will be required to execute the Agreement in the departmental schedule contract form for the due fulfilment of the contract.

6. Failure to comply with the condition 5 above or to agree to carry out the work in accordance with the specifications and agreements in force will entail forfeiture of the earnest money.

7. Copies of contract documents, estimates and drawings may be seen at any time at the Office of the Assistant Engineer, Headquarter Range, Mysore, on all working days between 11 A.M. and 5 P.M.

8. Specific rate should be given for each item in the schedule and the rates should be in rupees, annas and in multiples of three pies and expressed in words and figures.

9. Any rates or lumpsum amounts for the items not called for, if tendered by the tenderer, will not be taken notice of. The rates tendered should include all such lumpsum items.

10. No alterations which are made by the tenderers in the contract documents in the nomenclature of the sanctioned sub-heads will be recognised and if corrections are made, the tenders will be liable to rejection.

11. There should be no corrections or erasures in the tenders in the rates of items and any corrections made in the rates should be attested to and the number of corrections, if any, in each page noted at the foot of the same by the tenderer.

12. No reference should be made to the Public Works Department current schedule of rates.

13. On the event of the tender being submitted by a Firm, it must be signed separately and severally by each member thereof, or in the event of absence of any partner, it must be signed on his behalf by a person holding power of attorney, authorising him to do so.

14. When once the rates tendered have been accepted they will not be revised under any circumstances. In regard to items of work not tendered, the rates to be proposed by the Assistant Engineer, Headquarter Range, Mysore, and approved by the Superintending Engineer, shall be final and legally binding on the tenderer.

15. The quantities as estimated are only approximate and are liable to alterations, omissions, deductions or additions, at the discretion of the Assistant Engineer, or his representative. The tendered rates will hold good for any quantity, whether higher or lower than those estimated for.

16. The work should be completed as per departmental specifications for different items and handed over to the Public Works Department by the end of August 1937 failing which the Assistant Engineer may, at his discretion, levy a penalty *up to* Rs. 50 per day, which will be recovered from the Contractor's outstandings for the period exceeded by him till the work is completed and handed over.

17. In all matters of dispute of any kind, not specifically provided for in the agreement or of rates, penalties, measurements, quality of work, etc., the decision of the Chief Engineer, shall be final and legally binding.

18. The earnest money of rejected tenders will be returned on surrender of the receipts originally granted, along with an application, to the Assistant Engineer, Headquarter Range, Mysore.

19. No claims for damages, for delays caused by Officers of the Department in the execution of the work will be considered, whatever may be the reason for such delays. Contractors should bear this in mind when tendering for work. Extension of time due to delays caused by the departmental officers will however be considered on the merits of each case.

20. The contract should not be sublet.

21. All materials, tools and plant and machinery, that will be supplied by the Assistant Engineer, in the interest of the work shall be accepted by the tenderer at the rates fixed by the Assistant Engineer, and the tenderer will pay the hire, etc., on machinery at the prescribed per cent per annum of the booked value of the tools and plant supplied from the date of taking over of tools and plant from the Stores to the date of return to the Stores, the dates considered being, the dates of acknowledgments of the vouchers in each transaction.

22. The contractors should arrange for the payment of Royalty and Tolls.

Note (A).—The Contractor should at his own cost—

(1) Provide rods, stakes, ropes and labours required in setting out the works.
(2) Provide all necessary scaffolding, centering labour and appliance for hoisting.
(3) Provide mortar mill and shed to keep materials under cover and also for workmen.
(4) Arrange for protecting work during inclement weather.
(5) Supply requisite temporary lights, water cisterns, water-shoots, coverings to masonry, tile pieces to steps, sieves, parahas, or measures shoring and other requisite protection during the progress of the work.
(6) Supply all water required for work and workmen and shall provide latrines, drainages, etc.
(7) Clean away all dirt, rubbish, superfluous materials and debris as they accumulate.
(8) Provide arrangements for pumping and bailing from excavations and foundations, wherever and whenever necessary with his own pumping apparatus, including necessary leading drains, slump pits, etc.
(9) Wash floors at completion and leave the whole of the work and premises in a clean and orderly condition, etc.
(10) Afford facilities to any other parties employed upon the work so that their work may proceed during the progress of the contract and give such persons the use of ordinary scaffolding and ladders.

Note (B).—It is the business of the contractor to make their own arrangements for the quarries and supplies of materials.

23. The rates for wood work for all works quoted should be based on the rates of the departmental supply as noted below. Only Mysore Teak selected from the Mysore Government Depots must be used.

24. Work to the extent of Rs. 13,000 will have to be carried out each month.

Prevailing Government rates at Mysore Forest Depot for Mysore teak is as follows :—

	Rs. a. p.
(1) Selected 1st class logs ..	.. 2 8 0 per c.ft.
(2) Cut scantling of sizes 3″×4″	.. 3 4 0 „
(2). (a) Do 3″×5″ to 4″×7″	.. 3 12 0 „
(3) Planks 1″ to 1¼″ to required sizes	.. 4 8 0 „

Abstract estimate for constructing a Royal Porch with Tower at the Mysore City Railway Station.

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
	Tower.				
1(a)	Dismantling the existing Mangalore Tiled roofing with reepers, wood work, from top of tower, including cost of bringing down the materials, carting to stores and stacking them ..	Sqr.		8	
(b)	Dismantling size stone in lime mortar including cost of bringing down the materials and stacking them in the required place ..	C.ft.	..	1,480	
(c)	Dismantling the existing eave board and carting them to the required place	R.ft.	..	100	
(d)	Dismantling circular ventilators (glazed) and carting them to the required place ..	Each	..	8	
(e)	Dismantling the 'Food waggon pulley', etc., and conveying them to the required place ..	L. S.	..	..	
(f)	Dismantling the existing cast iron pillar ..	Each	..	..	
(g)	Dismantling the existing pucca terrace and carting debris including dismantling the teakwood joists and stacking	Sqr.	..	3·6	
(h)	Dismantling and removing and stacking rolled steel girders	Cwt.	..	20	
(i)	Dismantling, conveying and stacking the teakwood staircase at the required place (Area of Tread)	S.ft.	..	90	
(j)	Dismantling the existing teakwood window and stacking at the required place	S.ft.	..	42	
(k)	Dismantling, removing and conveying to the required place, cast iron railings ..	R.ft.	..	18	
(l)	Dismantling and removing the existing (arch) ornamental stones over the windows, conveying and stacking them at the required place	L. S.	..	..	
(m)	Dismantling and removing the wooden flooring and stacking the materials at the required place	Sqr.	..	0·5	
(n)	Dismantling the existing stone masonry parapet wall and conveying them to the required place and stacking	R.ft.	..	45	
(o)	Shifting and removing roofing tiles near the platform	Sqr.	..	3	
(p)	Dismantling and removing the Cuddapah slab flooring and resetting	„	..	6	
(q)	Dismantling and removing doors and conveying to the required place	S.ft.	..	120	
	Ground Floor.				
2(a)	Constructing size stone masonry with available size stone in new mortar in 6″ courses ..	C.ft.	..	325	
(b)	Do do with new size stone in lime mortar for foundation, basement, superstructure	C.ft.	..	150	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
3(*a*)	Cut stone in mortar arch work with voussoirs, shaped to correspond with the courses	C.ft.		142	
(*b*)	Do do with old stones (voussoirs)	,,			
4	Providing lintel of rolled steel, B.S.S. tested girders including hoisting and fixing in position in cement concrete	Cwt.		32	
5	Reinforced cement concrete inverted arch lintel for foundation with broken granite jelley (1 : 2 : 4) in cement mortar	C.ft.		108	
6	Facing with 3″ to 4″ thick reinforced cement concrete for the corner projections of Tower, finished with light cream cement artificial stone stucco and cutting grooves horizantally (in ground and first floor)	S.ft.		600	
7(*a*)	Reinforced cement concrete and brick filling terrace with $\frac{3}{8}$ inch main reinforcements and $4\frac{1}{2}$ inches centre to centre including 2 inches of slabs and extra cement concrete floor of 1 : 2 : 4 of $1\frac{1}{2}$ inches thick with colour cement plaster on top cut to pattern and ceiling plastered and coving complete as per specification	Sqrs.		3·6	
(*b*)	Reinforced cement concrete slab terrace of 1 : 2 : 4 with broken granite jelly, with $1\frac{1}{2}$ inches thick flooring on top, including colour cement plastering cut to pattern and bottom plastering including coving, etc., complete as per design	,,		3·6	
8	Providing new R. S. stanchions of B.S. specification including hoisting and fixing with anchor bolts, etc., on cement concrete bed, etc., complete	Cwt.		71	
	First Floor.				
9	Providing R. S. girders of B. S. S. including hoisting and fixing	Cwt.		91	
10	Providing and fixing ornamental cement fret-work as per design	S.ft.		49	
11(*a*)	Constructing new size stone masonry of 6″ courses	C.ft.		41	
(*b*)	Do do with available stones in fresh lime mortar	,,		200	
12	Ornamental finial works	L. S.			
13(*a*)	Reinforced cement concrete roofing with 1 : 2 : 4 proportion of broken granite jelly, with ceiling plaster, coving and flooring on top, etc., as in ground floor	Sqrs.		3·6	
13(*b*)	Reinforced cement concrete and brick filling with 1 : 2 : 4 proportion, etc., with ceiling plaster, coving at bottom and flooring on top as in ground Floor	Sqrs.		3·6	
14	Providing steel ladder	Each		2	
15	Providing and fixing teakwood hand railing with 2″×2″ turned balusters with top and bottom rails of 3″×3″, etc., complete 3 ft. high as per design	R.ft.		16	
	Tower portion.				
16(*a*)	Size stone in lime mortar with 2-line dressing for face outside	C.ft.		400	
16(*b*)	Do do with old stone in new lime mortar	,,		720	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
17	Cut stone pillars in 3 pieces 1½ ft. bottom and 1⅓ ft. at top dressed to a nice finish and fixed in mortar	C.ft.	..	95	
18	Cut stone caps and bases as per design, neatly dressed for the above	Each	..	16	
19	R. S. girders for lintels over openings and at corner of base of tower as per specification in ground floor	Cwt.	..	17	
20	Reinforced cement concrete of broken granite jelly 1 : 2 : 4 flat dome with shell of 3″ to 5″ with ceiling plaster and with kappi and 2 courses of flat tiles on top and plastering complete and finished with stucco ..	Sqrs.	..	2·4	
21	Providing and fixing steel frame work of angle iron bent to shape for bottom rings and ribs to support the dome	Cwt.	..	10	
22	Ornamental finial as per design with stone nicely dressed	Each	..	..	
	General.				
23	Ornamental works	L. S.	..	..	
24(*a*)	Plastering inside or pointing with cement outside for ground floor	Sqrs.	..	3·3	
(*b*)	Do first floor	,,	..	8·9	
(*c*)	Do second floor	,,	..	7	
25	Providing teakwood glazed windows without iron bars and with brass fittings, etc., complete	S.ft.	..	144	
26	Boxing girders with terrace brick in cement mortar including wire netting, plastering with cement mortar, etc., complete for all floors	R.ft.	..	232	
	Porch Portion.				
1	Dismantling and stacking materials—				
(*a*)	Size stone masonry in mortar	C.ft.	..	34·80	
(*b*)	Mangalore tiled roof with reepers, rafters, etc., complete	Sqr.	..	27·2	
(*c*)	Cast iron columns in verandah	Each	..	6	
(*d*)	Rolled steel beams about 20 ft. long	R.ft.	..	120	
(*e*)	Do wooden bressummer	,,	..	120	
(*f*)	Teakwood doors and windows	S.ft.	..	204	
2	Earthwork excavation and filling in (foundation)	C.yd.	..	97	
3	Broken granite jelly concrete in lime mortar ..	C.ft.	..	542	
4	Size stone in lime mortar with bond stone 6′ apart for foundation and basement ..	,,	..	1,424	
5	Burnt stone slabs 6″ thick, one line dressed and fixed in mortar	S.ft.	..	398	
6	Two line dressing for slab and basement ..	,,	..	5	
7(*a*)	Size stone in mortar superstructure in 6″ courses with available stone in new lime mortar ..	C.ft.	..	870	
(*b*)	New size stone in mortar in courses of 6″ with bond stones	,,	..	870	
8	New size stone in mortar with 2 line dressed for the face for piers .. .. .. ,,		..	189	
9	Cut stone pillars 18″ at bottom 15″ at top dr. 12′ high, in 3 or 4 pieces dressed to nice finish and fixed in mortar	,,	..	190	
10	Cut stone caps and bases for pillars neatly dressed and fixed in mortar	Each	..	20	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
11	Rolled steel girders of B.S.S. including hoisting and fixing in cement concrete	Cwt.	..	68	..
12	Boxing girders with terrace brick in cement mortar including wire netting and plastering complete	R.ft.	..	163	..
13	Entablature wall with brick in cement mortar ..	C.ft.	..	374	..
14(*a*)	Roofing with reinforced cement concrete 1 : 2 : 4 of broken granite jelly and brick filling with $\frac{3}{8}$″ dr main reinforcements $4\frac{1}{2}$″ c to c including 2″ of slab and 3″ of kappi and 2 courses of flat tiles top and bottom plastering including coving to ceiling as per design	Sqr.	..	29·8	..
(*b*)	Reinforced cement concrete slab terrace (1 : 2 : 4 proportion) with broken granite jelly 3″ of kappi and 2 courses of flat tiles top and bottom plastering with coving to ceiling as per design	,,	..	29·8	..
15	Paving with burnt stone slabs 3″ to 4″ thick on a bed of 6″ lime concrete of (broken granite jelly) including cement pointing and 2 line dressing	,,	..	7·9	..
16	Flooring with terrazo cement tiles over a bed of 3″ lime concrete including cement pointing, etc., complete	,,	..	6·3	..
17	Brick in lime mortar cornice 12″ deep and 13″ projection as per design with succo finish ..	R.ft.	..	258	..
18	Plain parapet of burnt brick in mortar with central ornamental portion including plastering and stucco finish	,,	..	68	..
19	Ballastraded parapet wall with cement concrete balasters as per design and brick in mortar base and coping including succo finish complete	,,	..	164	..
20	Chunam plastering	Sqr.	..	14·6	..
21	Cream colour washing	,,	..	14·6	..
22	Cement pointing	,,	..	14·6	..
23	Providing ornamental rain water spouts ..	Each	..	8	..
24	Providing C. I. drain water pipe 4″ sq., including bends, etc., and fixing complete ..	R.ft.	..	300	..
25	Providing ornamental royal insignia ..	L. S.	..	..	..
26	Arch work of cut stone voussoirs in mortar shaped to correspond with masonry courses ..	C.ft.	..	275	..
27	Reinforced cement concrete columns 18″ to 15″ dr. including cement plastering with capital and bases, etc., complete	,,	..	41	..

Notification dated 10th May 1937.

1. Sealed tenders will be received at the Office of the Assistant Engineer, Headquarter Range, Mysore, up to 12 Noon on 24th May 1937, for (1) The construction of Meenambal Maternity and Child Welfare Centre in the open plot to the west of Nazarbad Dispensary, Mysore, and (2) The construction of Gnanammal Maternity and Child Welfare Centre in Sawday Road, Mandi Mohalla, Mysore.

2. Tenders in the prescribed form obtainable from the Office of the Assistant Engineer, Headquarter Range, Mysore, on payment of Rupee one for each from, should be addressed to the Assistant Engineer, Headquarter Range, and should be superscribed as "Tender for the construction of (1) The Meenambal Maternity and Child Welfare Centre in the open plot to the west of the Nazarbad Dispensary, Mysore, and (2) The Gnanammal Maternity and Child Welfare Centre in Sawday Road, Mandi Mohalla, Mysore. The name of the tenderer should also be superscribed on the cover. Separate tenders should be submitted for the above two works.

3. Each tender must be accompanied by a deposit of Rs. 375 (three hundred and seventy five only) for (1) and Rs. 325 (three hundred and twenty-five only) for item No. 2 above all in cash only. The earnest money of the successful tenderer will be retained as security deposit for due fulfilment of the contract. (Cash amount will not carry any interest.)

4. The tenders will be opened in the presence of such tenderers who wish to be present on 24th May 1937 at 3 P.M. The final acceptance of the tender will rest with the Assistant Engineer, who does not bind himself to accept the lowest or any tender, or to assign any reasons whatever, for the rejection of any.

5. The name of the successful tenderer will be posted on the Notice Board in the Assistant Engineer's Office in due course. Within eight days of the acceptance of the tender, the successful tenderer will be required to execute the agreement in the departmental schedule contract form for the due fulfilment of the contract.

6. Failure to comply with the condition 5 above or to agree to carry out the work in accordance with the specifications and agreements in force will entail forfeiture of the earnest money.

7. Copies of contract documents, estimates and drawings may be seen at any time at the Office of the Assistant Engineer, Headquarter Range, Mysore, on all working days between 11 A.M. and 5 P.M.

8. Specific rate should be given for each item in the Schedule, and the rates should be in rupees, annas and in multiples of three pies and expressed in words and figures. Tenderers offering a percentage increase or decrease on the estimate amount or estimated rates or the lowest tender will be rejected.

9. Any rates or lumpsum amounts for the items not called for, if tendered by the tenderer, will not be taken notice of. The rates tendered should include all such lumpsum items.

10. No alterations which are made by the tenderers in the contract documents in the nomenclature of the sanctioned sub-heads will be recognised and if corrections are made the tenders will be liable to rejection.

11. There should be no corrections or erasures in the tenders in the rates of items and any corrections made in the rates should be attested to and the number of corrections, if any, in each page noted at the foot of the same by the tenderer.

12. No reference should be made to the Public Works Department *re* current schedule of rates.

13. On the event of the tender being submitted by a firm, it must be signed separately and severally by each number thereof or in the event of absence of any partner, it must be signed on his behalf by a person holding power of attorney authorising him to do so.

14. When once the rates tendered have been accepted, they will not be revised under any circumstances. In regard to items of work not tendered, the rates to be proposed by the Assistant Engineer, Headquarter Range, Mysore, and approved by the Superintending Engineer shall be final and legally binding on the tenderer.

15. The tendered rates will hold good for any quantity whether higher or lower than those given in the enclosed schedule.

16. The work should be completed and handed over to the Public Works Department before the end of July 1937, failing which the Assistant Engineer may, at his discretion, levy a penalty of ½ per cent of the total cost for every day's delay which will be recovered from the Contractor's outstandings for the period exceeded by him till the work is completed and handed over.

17. In all matters of dispute of any kind, not specially provided for in the agreement or of rates, penalties, measurements, quality of work, etc., the decision of the Chief or the Superintending Engineer, shall be final and legally binding.

18. The earnest money of rejected tenders will be returned on submission of the receipts originally granted, along with an application, to the Assistant Engineer, Headquarter Range, Mysore.

19. No claims for damages, for delays caused by officers of the department in the execution of the work will be considered, whatever may be the reason for such delays. Contractors should bear this in mind when tendering for work. Extension of time due to delays caused by the departmental officers will however be considered on the merits of each case.

20. The contract should not be sublet.

21. All materials, tools and plant and machinery, old doors, windows, etc., that will be supplied by the Assistant Engineer, in the interest of the work shall be accepted by the tenderer at the rates fixed by the Assistant Engineer and the tenderers will pay the hire, etc., on machinery and tools and plant at the prescribed per cent per annum of the booked value of the tools and plant supplied from the date of taking over of tools and plant from the Stores to the date of return to the Stores. The dates considered being the dates of acknowledgments of the vouchers in each transaction.

22. The Contractors should arrange for the payment of Royalty and tools.

Note.—(A) The Contractor should at his own cost—

(1) Provide rods, stakes, ropes and labours required in setting out the works.
(2) Provide all necessary scaffolding, centering labour and appliance for hoisting.
(3) Provide mortar mill and shed to keep materials under cover and also for workmen.
(4) Arrange for protecting work during inclement weather.

(5) Supply requisite temporary lights, water cisterns, water-shoots, covering to masonry, tile pieces to steps, sieves, parahas, or measures, storing and other requisite protection during the progress of the work.

(6) Supply all water required for work and workmen and shall provide latrines, drainages, etc.

(7) Clean away all dirt, rubbish, superfluous materials and debris as they accumulate.

(8) Provide arrangements for pumping and bailing from excavations and foundations, wherever and whenever necessary with his own pumping apparatus, including necessary leading drains, slump pits, pits, etc.

(9) Wash floors at completion and leave the whole of the work and premises in a clean and orderly condition, etc.

(10) Afford facilities to any other parties employed upon the work, so that their work may proceed during the progress of the contract and give such persons the use of ordinary scaffolding and ladders.

Note.—(B) It is the business of the Contractor to make his own arrangements for the quarries and supplies of materials.

23. The rates for wood work for all works quoted should be based on the rates of the departmental supply as noted below. Only Mysore Teak selected from the Mysore Depots must be used.

Prevailing Government rates at Mysore Forest Depot for—

	Rs.	a.	p.		
(1) Selected 1st class logs	2	8	0	per c.ft.	
(2) Cut scantling of sizes	3	4	0	„	for sizes 3″×4″
(2) (*a*) Do	3	12	0	,	for sizes 3″×5″ to 4″×7
(3) Planks 1″ to 1¾″ of required sizes ..	4	8	0	„	

Abstract estimate for constructing Meenambal Maternity and Child Welfare Center in the open plot to the West of Nazarbad Dispensary, Mysore.

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
1	Earthwork excavation in hard gravelly soil and refilling in basement including watering tamping, etc.	C.yds.	..	118	
2	Burnt stone jelly concrete in chunam mortar for foundation	C.ft.	..	900	
3	Burnt brick in mortar for foundation and basement	C.ft.	..	2,234	
4	Burnt brick in mud for superstructure ..	„	..	4,256	
5	Burnt stone slabs 5″ to 6″ thick, roughly dressed and fixed on mortar bed	S.ft.	..	422	
6	Providing and fixing teakwood doors with panelled shutters including iron fittings, etc., complete	S.ft.	..	160	
7	Providing and fixing teakwood windows with glazed shutters, iron fittings, etc., complete	„	..	216	
8	Reinforced cement concrete fret work ventilators as per design	„	..	24	
9	Providing and fixing teakwood double pillars including base and capital, etc., complete ..	No.	..	10	
10	Teakwood work, wrought and put up complete including wood oiling	C.ft.	..	44·07	
11	Providing zinc sheet valley with ½″ thick teakwood planks ceiling, cement hand, etc., complete	R.ft.	..	25	
12	Roofing with Mangalore pattern Tiles on teak reepers, etc.	Sqr.	..	10·23	
13	Providing and fixing rolled steel B.S. girders of 12″×5″ size including hoisting, railway and other freight, etc., complete	Cwt.	..	10·70	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
14	Roofing with cement concrete terrace as per specification with granite jelly, $\frac{3}{8}$" bars placed $4\frac{1}{2}$" apart with distribution bars negative bending moment bars, with 2" joints and 3" of slab at top for spans less than 10 ft. with kappi, 2 courses of flat tiles at top including top and bottom ceiling plastering, etc., complete	Sqrs.	..	20·87	
15	Chunam plastering	"	..	81·85	
16	White and colour washing	"	..	81·85	
17	Ornamental cornice 6" thick as per design	R.ft.	..	108	
18	Parapet wall with brick in mortar including base, moulding, plastering white and color washing, etc., complete	R.ft.	..	126	
19	Ornamental parapet wall as per above specification $5\frac{1}{2}$' high	"	..	31	
20	Plain parapet as per above specification	"	..	66	
21	Ornamental work with chunam mortar as per design	Each	..	2	
22	Chunam patties around windows as per design	"	..	12	
23	Pilasters with chunam mortar as per design	"	..	12	
24	Flooring with $1\frac{1}{2}$" cement concrete over 3" chunam concrete including coloured cement plastering and smooth finishing, etc.	Sqr.	..	22·43	
25	Providing and fixing teakwood pendants	Each	..	4	
26	Providing and fixing teakwood eave board plain 9"×$\frac{3}{4}$"	R.ft.	..	87	
27	Silicate painting two coats	Sqr.	..	4·00	

Abstract estimate for constructing Maternity and Child Welfare Centre (Gift of Miss Sowbhagyavathi Gnanamma) on Sawday Road, Mysore.

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
1	Earthwork excavation in hard gravelly soil and filling in basement	C.yd.	..	130	
2	Foundation rough stone in mud	C.ft.	..	158	
3	Burnt stone jelly concrete in chunam mortar for foundation	C.ft.	..	1,246	
4	Foundation burnt brick in mortar	C.ft.	..	2,488	
5	Superstructure :—Burnt brick in mud	"	..	3,565	
6	Burnt stone slabs 5" to 6" thick, roughly dressed and fixed on mortar bed	"	..	82	
7	Teakwood wrought and put up including wood oiling	"	..	98·5	
8	Providing and fixing teakwood doors with panelled shutters including iron fittings, etc., complete	"	..	96	
9	Providing and fixing teakwood windows with glazed shutters including iron fittings, etc., complete	"	..	136	
10	Teakwood double pillars including base and capital as per design	No.	..	8	
10	Cement concrete pillars with base and capital, etc., complete	"	..	10	
11	Rolled steel joists of British standard and tested including one coat of anticorrosive paint and hoisting, etc., complete	Cwt.	..	80	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		Rs.
12	Roofing with reinforced cement concrete wedge shaped joists and brick nogging terrace with kappi and two courses of flat tiles top and bottom plastering, etc., complete as per specification	Sqr.	..	3·99	
13	Roofing with Mangalore pattern tiles on teakwood reepers 2″×1″, etc., complete ..	,,	..	19·95	
14	Chunam plastering	,,	..	65·40	
15	White and colour washing	,,	..	65·40	
16	Providing and fixing ridge tiles set in mortar ..	,,	..	86	
17	Valley with zinc sheet on teakwood planks, etc., complete	R.ft.	..	8	
18	Providing mortar band		..	27	
19	Burnt brick in mortar coping with cement plastering	,,	..	105	
20	Flooring with 1½″ cement concrete (1 : 2½ : 5) on 3″ chunam concrete ½″ cement plastering mixed with red shalimer and cut to tile pattern	Sqr.	..	15·22	
21	Burnt stone slabs one line dressed and fixed on mortar bed, etc., complete	S.ft.	..	242	
22	Teakwood cave board	R.ft.	..	105	
23	Ornamental cornice as per design	,,	..	237	
24	Providing and fixing teakwood ornamental finials	No.	..	2	
25	Providing and fixing teakwood ornamental pendents	,,	..	3	
26	Constructing parapet wall as per design in chunam mortar including chunam plastering and white and colour washing	R.ft.	..	76	
27	Constructing parapet wall ornamental, as per design in chunam mortar including chunam plastering and white and colour washing, etc., complete 8 ft. high	R.ft.	..	16	
28	Silicate painting two coats	Sqr.	..	4·00	

M. A. RAMANUJAM,
Assistant Engineer.